

## AMENDED CLAIMS

Art. 19  
REPLACED BY  
ART 34 AMDT

[Received by the International Bureau on 10 November 2003 (10.11.2003);  
original claims 1-8 replaced by amended claims 1-6 (2 pages)]

1. Orthopaedic device, in particular a prosthesis or  
an orthosis, for the purpose of replacing respectively  
supporting the function of at least one part of a human limb  
with a pivotable joint, for example a leg with a knee or an  
arm with an elbow, on either side of which joint there extend  
5 respective limb parts, such as a lower leg and an upper leg  
respectively a lower arm and an upper arm, which device  
comprises:

a structure comprising two substantially rigid parts,  
for instance a rod, which parts are coupled to each other by  
10 means of hinge means and each comprise fastening means for  
optional temporary fastening to a limb part,

wherein a pivot axis of the hinge means extends at  
least more or less in the region and in the direction of the  
pivot axis zone of the relevant joint,

15 characterized in that

the hinge means comprise two hinges, the respective  
pivot axes of which extend in directions which make an angle  
with each other of  $90^\circ \pm 40^\circ$ , preferably  $90^\circ \pm 20^\circ$ ;

in that bounding means are present for limiting to a  
20 chosen angular position at least one of the pivoting movements  
of at least one of the hinges;

and in that

the fastening means comprise at least two divisible  
rings with adjustable periphery, one of which is connected to  
25 the one part and the other to the other part, and the bounding  
means comprise a flexible, tensively strong element, for  
instance a strap or cord, of optionally adjustable length, the  
ends of which are connected to these rings such that the  
flexible element can bound the pivoting movement of at least  
30 one hinge.

2. Device as claimed in claim 1,  
characterized in that

the pivot axes are located spatially at a mutual  
distance, which distance is chosen such that it corresponds  
35 with the pivoting characteristics of the relevant joint.

3. Device as claimed in claim 1,

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characterized in that  
the bounding means comprise stop means added to a  
hinge.

5        4. Device as claimed in claim 1,  
characterized in that  
said structure is provided on only one side with  
hinge means.

10       5. Device as claimed in claim 1,  
characterized in that  
the device is a knee orthosis.  
6. Device as claimed in claim 1,  
characterized in that  
the device is a knee-ankle-foot orthosis.